

California Weather-Hydro Conditions during November 2008

As of November 30, 2008, statewide hydrologic conditions were as follows: precipitation, 85 percent of average to date; runoff, 55 percent of average to date; and reservoir storage, 70 percent of average for the date. Sacramento River unimpaired runoff observed through November 30, 2008 was about 0.9 million acre-feet (MAF), which is about 63 percent of average. (On November 30, 2007, the observed Sacramento River unimpaired runoff through that date was about 0.8 MAF or about 60 percent of average.)

On December 1, the Northern Sierra 8-station Index had accumulated a seasonal total of 8.6 inches, which is 90% of the seasonal average to date and 17% of an average Water Year (50.0 inches). During November 2008, the 8-Station Index received 5.5 inches, about 87% of average. Most of November's rainfall occurred at the beginning of the month.

It will take a significantly above average rainfall season to alleviate current drought conditions. For the 8-Station Index, Water Year 2008 was the 15th driest year out of 88 years of record. The Spring of 2008 turned out to be extremely dry. The Water Year 2008 combined March through June total precipitation was only 3.4 inches, the driest on record (since 1921). The 2-year combined total precipitation for Water Years 2007 (37.2 inches) and 2008 (34.9 inches) was 72.1 inches, the ninth driest 2-year period on record.

Selected Cities Precipitation Accumulation as of 12/01/2008 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2007 - 2008 (in inches)	% Avg	Jul 1 to Date 2006 - 2007 (in inches)	% Avg	% Avg Jul 1 to Jun 30 2007 - 2008
Eureka	5.52	57	8.91	91	14
Redding	4.13	58	4.76	67	12
Sacramento	3.22	89	1.97	54	17
San Francisco	2.65	68	2.71	69	13
Fresno	1.61	78	0.33	16	14
Bakersfield	1.06	93	0.47	41	16
Los Angeles	1.87	97	2.03	105	12
San Diego	2.67	142	1.40	74	24

Key Reservoir Storage (1,000 AF) as of 12/01/2008								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	995	1,614	62	2,448	41	---	1,453
Shasta Lake	Sacramento	1,331	2,777	48	4,552	29	-1,921	3,221
Lake Oroville	Feather	999	2,192	46	3,538	28	-2,164	2,539
New Bullards Bar Res	Yuba	476	523	91	966	49	-320	490
Folsom Lake	American	209	467	45	977	21	-368	768
New Melones Res	Stanislaus	1,123	1,318	85	2,420	46	-847	1,297
Don Pedro Res	Tuolumne	1,036	1,311	79	2,030	51	-654	994
Lake McClure	Merced	257	449	57	1,025	25	-418	768
Millerton Lake	San Joaquin	180	218	83	520	35	-256	340
Pine Flat Res	Kings	153	376	41	1,000	15	-509	847
Isabella	Kern	111	150	74	568	20	-59	457
San Luis Res	(Offstream)	410	1,247	33	2,039	20	---	1,629

The latest National Weather Service Climate Prediction Center (CPC) long-range weather outlook for December 2008, issued November 30, 2008, forecasts average precipitation for all of California, except for the southeastern corner of the State where below average precipitation is expected.